



PATENT Atty. Dkt.WEAT/0528.P1

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

William Banning Vail, III

Serial No.: 10/735, 918

Confirmation No.: 3830

Filed:

December 15, 2003

For: METHODS AND APPARATUS

FOR CEMENTING DRILL

STRINGS IN PLACE FOR ONE

PASS DRILLING AND

COMPLETION OF OIL AND GAS

WELLS

Group Art Unit: 3672

**Examiner: Unknown** 

Customer No.: 36735

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF MAILING 37 CFR 1.8

I hereby certify that this correspondence is being deposited with sufficient postage as first class mail in an envelope addressed to:

Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450,

Alexandria, VA 22313-1450 on 14 January 2005.

Kya D. Cummings Typed Name

Signature

Dear Sir:

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Applicant and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an

admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/WEAT/0528.P1/KDC.

Respectfully submitted,

Kyla D. Cummings

Registration No. 50,682

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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

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of

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Application Number

Filing Date

December 15, 2003

First Named Inventor

William Banning Vail, III

Group Art Unit

Examiner Name

Unknown

Attorney Docket Number

Customer No.

36735

Submission Date

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant	
iiiuais	140.	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Figures Appear	
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	A2	US-2,228,503	01-14-1941	Boyd, et al.		
	A3	US-2,370,832	03-06-1945	Baker		
	A4	US-2,379,800	07-03-1945	Hare		
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•	A6	US-2,720,267	10-11-1955	Brown		
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	A8	US-3,006,415	10-31-1961	Burns, et al.		
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	A13	US-3,117,636	01-24-1964	Wilcox, et al.		
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	No.¹	Number-Kind Code <sup>2 (if known)</sup>			Where Relevant Passages or Relevant Figures Appear			
	B1	CA 2 335 192	11-30-2001	Kozak				
	B2	DE 3 523 221	02-01-1987	Svetozar				
	В3	DE 3 918 132	12-14-1989	Eriksson				
	B4	EP 0 474 481	03-11-1992	Moody				
	B5	EP 0 087 373	08-31-1983	Plaquin				

Examiner Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto gov or MPEP 901.04, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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ч	persons are required to respond to a collecti	ion of Information unless it displays a valid CIMB control number
	Application Number	10/735,918
	Filing Date	December 15, 2003
	First Named Inventor	William Banning Vail, III
	Group Art Unit	3672
	Examiner Name	Unknown
	Attorney Docket Number	WEAT/0528.P1
	Customer No.	36735
	Submission Date	

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant		
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	A19	US-3,552,507	01-05-1971	Brown			
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	A21	US-3,566,505	03-02-1971	Martin			
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Examiner	Cite No. <sup>1</sup>		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines,	T⁵		
Initials*		Number-Kind Code <sup>2 (if known)</sup>			Where Relevant Passages or Relevant Figures Appear			
	В6	EP 0 162 000	11-21-1985	Hamilton				
	B7	EP 0 171 144	02-12-1986	Stringfellow, et al.				
	B8	EP 0 285 386	10-05-1988	Haney				
	В9	EP 0 426 123	05-08-1991	Reis, et al.				
	B10	EP 0 525 247	02-03-1993	Willis				

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10/735,918 Substitute for form 1449A/PTO Application Number December 15, 2003 Filing Date INFORMATION DISCLOSURE First Named Inventor William Banning Vail, III STATEMENT BY APPLICANT 3672 **Group Art Unit Examiner Name** Unknown (Use as many sheets as necessary) Attorney Docket Number WEAT/0528.P1 Customer No. 36735

**Submission Date** 

U.S. PATENT DOCUMENTS							
	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant		
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	A38	US-4,241,878	12-30-1980	Underwood			
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	B11	EP 0 589 823	03-03-1994	Busink, et al.				
	B12	EP 0 659 975	06-28-1995	Nagaoka, et al.				
	B13	EP 0 790 386	08-20-1997	Newton, et al.				
	B14	EP 0 881 354	04-24-1998	Vercaemen, et al.				
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10/735,918 **Application Number** Substitute for form 1449A/PTO December 15, 2003 Filing Date INFORMATION DISCLOSURE First Named Inventor William Banning Vail, III STATEMENT BY APPLICANT Group Art Unit 3672 **Examiner Name** Unknown (Use as many sheets as necessary) Attorney Docket Number WEAT/0528.P1 36735 Customer No.

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	A57	US-4,667,752	05-26-1987	Berry, et al.	
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	B16	EP 1 256 691	11-13-2002	Hawkins, et al.					
	B17	FR 2 841 293	12-26-2003	Bouygues Offshore					
	B18	GB 2 115 940	09-14-1983	Plaquin					
	B19	GB 2 224 481	09-05-1990	Voeten					
	B20	GB 2 275 486	04-15-1993	Eiane, et al.					

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Application Number	10/735,918
Filing Date	December 15, 2003
First Named Inventor	William Banning Vail, III
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Initials*	No.1	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY		Relevant Passages or Relevant Figures Appear			
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Examiner Initials*	Cite		Publication Date	Name of Patentee or	Pages, Columns, Lines,	T <sup>6</sup>		
	No.¹	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			
	B21	GB 2 294 715	08-05-1996	Tibbitts				
	B22	GB 2 349 401	11-01-2000	Roberts, et al.				
	B23	GB 2 352 747	07-02-2001	Davis, et al.				
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	B25	GB 2 372 765	09-04-2002	Head				

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10/735,918 **Application Number** Substitute for form 1449A/PTO December 15, 2003 Filing Date First Named Inventor William Banning Vail, III INFORMATION DISCLOSURE STATEMENT BY APPLICANT 3672 Group Art Unit **Examiner Name** Unknown (Use as many sheets as necessary) **Attorney Docket Number** WEAT/0528.P1 36735 Customer No.

Submission Date

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U.S. PATENT DOCUMENTS					
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Initials*	No. <sup>1</sup>	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
	A91	US-5,271,468	12-21-1993	Streich, et al.	
	A92	US-5,305,839	04-26-1994	Kalsi, et al.	
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	A114	US-5,553,672	09-10-1996	Smith, Jr., et al.	
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- 57	A116	US-5,645,131	07-08-1997	Trevisani	
	A117	US-5,706,894	01-13-1998	Hawkins, III	
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Examiner Initials*	Cite	Foreign Patent Document Publication Da	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines,	T <sup>6</sup>
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	B26	GB 709 365	05-19-1954	Standard Oil Development		
	B27	GB 716 761	10-13-1954	Standard Oil Development		
	B28	GB 881 358	11-01-1961	Kammerer, et al.		
	B29	GB 2 350 137	11-22-2000	Baugh, et al.		
	B30	RU 2 079 633	05-20-1997	Abdrakhmanov		

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of

_	PISHIS AND IPHILIPHIA MILES IN INC.	
	Application Number	10/735,918
	Filing Date	December 15, 2003
	First Named Inventor	William Banning Vail, III
	Group Art Unit	3672
	Examiner Name	Unknown
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Initials*	No.1	Number-Kind Code <sup>2 (If known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
	A119	US-5,803,191	09-08-1998	Mackintosh	
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	A121	US-5,836,395	11-17-1998	Budde	
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**Date Considered** Examiner

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	Application Number	10/735,918
	Filing Date	December 15, 2003
	First Named Inventor	William Banning Vail, III
	Group Art Unit	3672
	Examiner Name	Unknown
	Attorney Docket Number	WEAT/0528.P1
	Customer No.	36735
	Submission Date	

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Application Number	10/735,918	
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Examiner Name	Unknown	
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	Application Number	10/735,918
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	First Named Inventor	William Banning Vail, III
	Group Art Unit	3672
	Examiner Name	Unknown
	Attorney Docket Number	WEAT/0528.P1
,	Customer No.	36735
	Submission Date	

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Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Linder the Peneryork Reduction Act of 1995, no persons are required to rest 10/735,918 Application Number Substitute for form 1449B/PTO Filing Date December 15, 2003 INFORMATION DISCLOSURE First Named Inventor William Banning Vail, III STATEMENT BY APPLICANT 3672 Group Art Unit Unknown Examiner Name (Use as many sheets as necessary) WEAT/0528.P1 Attorney Docket Number Customer No. 36735

Submission Date

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Substitute	Substitute for form 1449B/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/735,918	
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INFO	RMATION DISC	CLOS	SURE	First Named Inventor	William Banning Vail, III	
STAT	<b>TEMENT BY AF</b>	PLIC	CANT	Group Art Unit	3672	
				Examiner Name	Unknown	
(Use as many sheets as necessary)				Attorney Docket Number	WEAT/0528.P1	
				Customer No.	36735	
Sheet	12	of	12	Submission Date		

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No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
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